

Scientific Note

New specific names for the mis-identified type-species of two South African Genera of the dipterous families Bombyliidae and Mydidae

by

A. J. HESSE

South African Museum, Cape Town

My attention has been called to two nomenclatural errors in the two families of Diptera the South African representatives of which I have revised, namely the mis-identified type-species of the genus *Nomolonia* Rondani (family Bombyliidae) and that of *Nomoneura* Bezzi (family Mydidae).

These two cases of mis-identified type-species should be rectified taxonomically, and I have the following comments to make:

- (a) The mis-identified type-species *Nomolonia afra* Macquart of the genus *Nomolonia* Rondani (Bombyliidae: Cylleninae).

Rondani (1864: 71) established this genus to accommodate the *Cylenia afra* of Macquart (1840: 108), a species which Macquart mistook for the species *Cylenia afra* of Wiedemann (1828: 358), which latter species is a synonym of *Henica longirostris* Wiedemann (1828: 281).

The genus *Nomolonia* therefore has as its type-species the same type-species (*Henica longirostris* Wiedemann = *Cylenia afra* Wiedemann) as the genus *Henica* Macquart.

To resolve this confusion it is necessary that the species in literature, referred to as *Nomolonia afra* Macquart by Bezzi (1921: 107) and myself (Hesse 1956: 36), should receive a new specific name. For this species I propose the new specific name of *Nomolonia eremophila* and designate it as the type-species of *Nomolonia* Rondani. The male holotype and female allotype specimens, from the Southern Karoo (18 miles E. of Touws River, S.A.M. 12, 1962), are in the South African Museum.

- (b) The mis-identified type-species *Nomoneura fasciata* Bezzi of the genus *Nomoneura* Bezzi (Mydidae: Syllegomydinae).

Bezzi (1924: 223) established this genus to accommodate five species of which three belong to an entirely different genus [*Arenomydas* Hesse (1969: 246)] and two to his *Nomoneura*. He however mistook a ♂ specimen from Zululand [Mfongosi (W. Jones, December 1911)] in the South African Museum for the *Midas fasciatus* of Wiedemann (1828: 243) and designated it as the type-species of *Nomoneura*.

The true *Midas fasciatus* of Wiedemann however belongs to the genus *Afroptomydas* Bequaert (olim *Leptomydas*). This specimen and species, with a

wrong specific name, actually has no specific name and for it I propose the new specific name of *Nomoneura bezzii* and designate this species as the type-species of *Nomoneura*.

REFERENCES

- BEZZI, M. 1921. On the Bombyliid Fauna of South Africa (Diptera) as represented in the South African Museum. *Ann. S. Afr. Mus.* **18**: 1-179, 469-478.
- 1924. The South African Mydidae (Diptera) as represented in the South African Museum. *Ann. S. Afr. Mus.* **19**: 121-232.
- HESSE, A. J. 1956. A revision of the Bombyliidae (Diptera) of Southern Africa. *Ann. S. Afr. Mus.* Part II **35**: 1-464.
- HESSE, A. J. 1969. The Mydidae (Diptera) of Southern Africa. *Ann. S. Afr. Mus.* **54**: 1-388.
- LOEW, H. 1860. *Die Dipteren-Fauna Südafrika's* **1**: 252-253.
- MACQUART, J. 1840. *Diptères Exotiques nouveaux ou peu connus*. **2**: 1-135.
- RONDANI, C. 1864. Dipterorum species et genera aliqua exotica revisa et annotata novis nonnullis descriptis. *Archiv. Zool. Anat. Fisiol.* **3**: 1-99.
- WIEDEMANN, C. R. W. 1828. *Aussereuropäische zweiflügelige Insekten*. **1**: 1-608.

Manuscript received 17 September 1974.